Dear Member,

The CZ SK HU Market Coupling project partners are pleased to announce that they are organizing member testing sessions. We hereby provide you with all the information needed to participate to this member testing session taking place on the 06th August 2012, 07th August 2012, 08th August 2012, 13th August 2012, 14th August 2012 and 16th August 2012.

Purpose

This member testing period is intended to give you an end to end overview of the CZ SK HU Market Coupling processes, procedures and time intervals regarding the daily operation including, amongst others, gate closure times and publication of results. Procedures and time intervals applicable in case of CZ SK HU Market Coupling fallbacks will also be tested.

Please be aware that the member testing is not intended to reflect future pricing or volume levels in a CZ SK HU Market Coupling context. All prices and volumes published during the member testing as well as concluded contracts in the member test environment are completely fictional and cannot be used as a reference for exchanges price or volume analyses. Clearing and settlement processes will not be simulated during this test period, which will end with market results publication. Neither should the results of the member testing be nominated to your respective local TSO.

In order to provide sufficient liquidity and to avoid, as much as possible, the risk of erratic pricing levels, please be aware that your local exchange will submit fictitious orders.

Member testing schedule

The member test sessions will be organized on business days only and will start on 06th August 2012 and end on 16th August 2012.

The normal situation: The normal situation will be tested twice on

- Monday 06th August
- Monday 13th August

The second auction situation: The second auction situation will be tested twice on

- Tuesday 07th August
- Tuesday 14th August

The fallback situation: Two decoupling situations will be tested, a decoupling before the gate closure time and a decoupling after the gate closure time. They will be tested on

- Wednesday 08th August (decoupling after gate closure time)
- Thursday 16th August (decoupling before gate closure time)

Please note that the tests will be executed in the afternoon, to avoid interference with the market activities in the morning. Those timings will show the intervals between the different steps, but do not reflect operational timings that are in place for the market coupling.

The scenarios steps described in the Appendix will be used during the testing days.

Registration process

In order to participate to this member testing, we kindly ask you to return the attached form before 01st August end of day. This registration process is needed to make sure that emails reach the relevant persons during the testing process, without disturbing the operational processes. Exceptional case is mentioned below at MAVIR section.

Access to trading system member test environment

HUPX

In order to access HUPX Trading System (ETS) test environment and to be able to participate in the CZ SK HU member testing, members must first download and install the updated ETS Client application. The ETS client application is available on the following link:
(http://hupx.hu/trading/download_center/trading_systems.html)

Please note that the simulation environment server address is:
ets-demo.epexspot.com

More specific information can be found in ETS documentation which is to be found on HUPX web site http://hupx.hu/trading/download_center/trading_systems.html.
Users and passwords that have been communicated to members during the simulation phase of ETS implementation project can be used for the CZ SK HU member testing. However, if you require new ones, please contact Market Operations:

HUPX Contact details:

Market Operations

Phone: (+361) 304 1096
E-Mail: marketops@dam.hupx.hu

OKTE

In order to access test environment of OKTE Trading System and to be able to participate in the CZ SK HU member testing, members must have access to this test system. If any market participant has not opened access yet, it is necessary to contact Market Operations with copy to technical support.

It is recommended to check this access by Market Participants at least 2 working days before tests begin.

Please note that the simulation environment server address is:

www.test.isot.sk

OKTE details:

Market Operations
Phone during the test: +421 2 50 692 664
E-Mail: market@okte.sk

At another time:

Martin Chochol
Mobile: +421 917 950 377
Tel.: +421 2 5069 2425
Michaela Moravcová
Tel.: +421 2 5069 2656
Bc. Milan Trávnik
Tel.: +421 2 5069 2657

OTE

In order to access OTE Trading System - test environment (OTE Sandbox) and to be able to participate in the CZ SK HU member testing, members must have access to this test system. If any market participant has not opened access yet, it is necessary to contact Market Operations.

It is recommended to check this access by Market Participants at least 2 working days before tests begin.

Please note that the simulation environment server address is:
https://portal.sand.ote-cr.cz/otemarket/

OTE details:

Market Operations
Phone: +420 296 579 173
E-Mail: market@ote-cr.cz

Access to MAVIR test KAPAR Shadow Auction for SK HU border

MAVIR

In case of a full decoupling of the CZ SK HU, Market Participants will be able to submit / edit their shadow bids (under the bid tab) for the SK HU border through accessing the MAVIR test KAPAR Platform. The ones who already have access to KAPAR system, they do not need to register for test KAPAR System. They can use their regular account to test system as well. Otherwise, access details to the platform will be given once MAVIR receives the registration form. Once the shadow auctions have been run, Market Participants will receive and Programming Authorizations by e-mail.

If you do not have valid access to the KAPAR system, in order to get your login/password, please send the enclosed registration form to MAVIR at the indicated e-mail address.

For further information please contact the MAVIR Operations Team:

Operations Team
Phone: +36 1 304 1886
E-Mail: auctionoffice@mavir.hu

Member Testing registration

Company: …………………………. Name of PX (if any):……………………..

Registration to Member Testing

☐ **The following person(s) will accomplish the tests**

First/Last Name:... Function: ....

E-mail: .... Tel. : ....

First/Last Name:... Function: ....

E-mail: .... Tel. : ....

Scenarios Dates:

06th August, Normal Day scenario ☐

13th August, Normal Day scenario ☐

07th August, Second Auction scenario ☐

14th August, Second Auction scenario ☐

08th August, Decoupling after gate closure time scenario ☐

16th August, Decoupling before gate closure time scenario ☐

This registration form has to be filled electronically and returned before the 1ST August 2012 end of day to:

- ***HUPX if you are a member of the Hungarian Auction and wanting to*** participate at the member tests at: marketops@dam.hupx.hu
- ***OKTE, if you are a member of the Slovakian Auction and wanting to*** participate at the member tests *at:* market@okte.sk
- ***OTE, if you are a member of the Czech Auction and wanting to*** participate at the member tests *at:* market@ote-cr.cz
- ***MAVIR, if you test the decoupling scenarios and you do not have already a valid access to KAPAR System on the MAVIR system at :*** auctionoffice@mavir.hu

APPENDIX: MEMBER TESTING SCENARIOS DESCRIPTION

Normal Day				
Description	**System**	**Production time**	**Simulation time**	**Delta***
ATC publication	PX Trading System – test environment / HUPX web side	09:30	13:30	04:00
OBK opening	PX Trading System – test environment	NA	14:00	NA
Gate Closure Time	PX Trading System – test environment	11:00	15:00	04:00
Market Results publication	PX Trading System – test environment	around 11:40	around 15:40	04:00

** difference between simulation time and production time*

Second Auction				
Description	**System**	**Production time**	**Simulation time**	**Delta***
ATC publication	PX Trading System – test environment / HUPX web side	09:30	13:30	04:00
OBK opening	PX Trading System – test environment	NA	14:00	NA
Gate Closure Time	PX Trading System – test environment	11:00	15:00	04:00
External Communication - *Market message sent to MPs: information on OBK reopening due to price thresholds reached*	Email/automated communication	around 11:20	around 15:20	04:00
Gate Closure Time	PX Trading System – test environment	11:30	15:30	04:00
Market Results publication	PX Trading System – test environment	around 11:50	around 15:50	04:00

** difference between simulation time and production time*

Decoupling after Gate Closure Time (1/2)				
Description	**System**	**Production time**	**Simulation time**	**Delta***
ATC publication	PX Trading System – test environment / HUPX web side	09:30	13:30	04:00
OBK opening	PX Trading System – test environment	NA	14:00	NA
Gate Closure Time	PX Trading System – test environment	11:00	15:00	04:00
External Message - *information on Market Results publication delay*	Email/Autommated communication	11:40	15:10	03:30
External Communication - *information on Market Results publication delayed, reminder to update Shadow bids*	Email/Autommated communication	12:05	15:35	03:30
CZ SK HU Decoupling		*12:30*	*16:00*	*03:30*
Start parallel run of Shadow Explicit Auctions	MAVIR test KAPAR platform	12:35	16:05	03:30
External Communication - *information on CZ SK HU decoupling and OBK reopening*	Email/Autommated communication	12:35	16:05	03:00
Shadow Explicit Auction results publication and OBK reopening	MAVIR test KAPAR platform	-12 :35 - 12:45	16:05 - 16:15	03:30

Decoupling after Gate Closure Time (2/2)				
Description	**System**	**Production time**	**Simulation time**	**Delta***
Gate Closure Time	PX Trading System – test environment	13:05	16:35	03:30
HU Market Results publication	PX Trading System – test environment	around 13:15	around 16:45	03:30
SK Market Results publication	PX Trading System – test environment	around 13:45	around 17:15	03:30
CZ Market Results publication	PX Trading System – test environment	around 13:45	around 17:15	03:30

** difference between simulation time and production time*

Decoupling before Gate Closure Time (1/2)				
Description	**System**	**Production time**	**Simulation time**	**Delta***
OBK opening	PX Trading System – test environment	NA	14:00	NA
External Communication - *information on ATC publication delay, reminder to update Shadow bids*	Email/Autommated communication	10:00	14:00	04:00
CZ SK HU Decoupling		*10:30*	*14:30*	*04:00*
Start parallel run of Shadow Explicit Auctions	MAVIR test KAPAR platform	10:30	14:30	04:00
External Communication - *information on CZ SK HU decoupling*	Email/Autommated communication	10:35	14:35	04:00
Shadow Explicit Auction results publication	MAVIR test KAPAR platform	10:40	14:40	04:00
Gate Closure Time	PX Trading System – test environment	11:00	15:00	04:00

Decoupling before Gate Closure Time (2/2)				
Description	**System**	**Production time**	**Simulation time**	**Delta***
HU Market Results publication	PX Trading System – test environment	around 11:20	around 15:20	04:00
SK Market Results publication	PX Trading System – test environment	around 11:40	around 15:40	04:00
CZ Market Results publication	PX Trading System – test environment	around 11:40	around 15:40	04:00

** difference between simulation time and production time*